

IN THE CLAIMS:

Please amend the claims as follows:

1. - 17. (Canceled)

18. (Currently Amended) A computer-implemented method of providing access to grid computing resources available to a plurality of users, comprising:

receiving, from a requesting entity, a plurality of requests related to a benchmarking operation, wherein at least one of the requests comprises a defined function to be performed and at least each of the remaining requests comprise a different resource specific criterion identifying a different specific resource to perform the defined function;

based on each resource specific criterion, identifying a grid computing resource as the specific resource to perform the defined function, wherein a different grid computing resource is identified for each different resource specific criterion; and

submitting each request to perform the defined function to an appropriate grid resource corresponding to the identified grid computing resource according to the respective different resource specific criterions.

19. (Original) The method of claim 18, wherein each different resource specific criterion uniquely identifies a different particular computer and wherein identifying the grid computing resource comprises identifying the particular computer.

20. (Original) The method of claim 18, wherein each different resource specific criterion uniquely identifies different particular computer hardware and wherein identifying the grid computing resource comprises identifying a particular computer having the particular computer hardware.

21. (Original) The method of claim 18, wherein each different resource specific criterion uniquely identifies different particular computer software and wherein identifying the grid computing resource comprises identifying a particular computer having the particular computer software.
22. (Original) The method of claim 18, wherein each different resource specific criterion is selected from one of an operating system criterion, a central processing unit criterion, a memory criterion, a hard disk criterion and a combination thereof.
23. (Original) The method of claim 18, further comprising:
performing the defined function using the identified grid computing resource; and
returning a result to the requesting entity indicating performance of the defined function.
24. (Original) The method of claim 18, further comprising determining a price to be charged for fulfilling the requests.
25. (Original) The method of claim 24, further comprising charging the price for fulfilling the request.
26. - 38. (Canceled)
39. (Currently Amended) A computer readable storage medium containing a program which, when executed by a processor, performs an operation comprising:
receiving, from a requesting entity, a plurality of requests related to a benchmarking operation, wherein at least one of the requests comprises a defined function to be performed and at least each of the remaining requests comprise a different resource specific criterion identifying a different specific resource to perform the defined function;

based on each resource specific criterion, identifying a grid computing resource as the specific resource to perform the defined function, wherein a different grid computing resource is identified for each different resource specific criterion; and submitting each request to perform the defined function to an appropriate grid resource corresponding to the identified grid computing resource according to the respective different resource specific criteria.

40. (Previously Provided) The computer readable storage medium of claim 39, wherein each different resource specific criterion uniquely identifies a different particular computer and wherein identifying the grid computing resource comprises identifying the particular computer.

41. (Previously Provided) The computer readable storage medium of claim 39, wherein each different resource specific criterion uniquely identifies different particular computer hardware and wherein identifying the grid computing resource comprises identifying a particular computer having the particular computer hardware.

42. (Previously Provided) The computer readable storage medium of claim 39, wherein each different resource specific criterion uniquely identifies different particular computer software and wherein identifying the grid computing resource comprises identifying a particular computer having the particular computer software.

43. (Previously Provided) The computer readable storage medium of claim 39, wherein each different resource specific criterion is selected from one of an operating system criterion, a central processing unit criterion, a memory criterion, a hard disk criterion and a combination thereof.

44. (Previously Provided) The computer readable storage medium of claim 39, further comprising:
performing the defined function using the identified grid computing resource; and

returning a result to the requesting entity indicating performance of the defined function.

45. (Previously Provided) The computer readable storage medium of claim 39, further comprising determining a price to be charged for fulfilling the requests.

46. (Previously Provided) The computer readable storage medium of claim 45, further comprising charging the price for fulfilling the request.

47. (Currently Amended) A computerized environment, comprising:
a processor;
a request manager which, when executed by the processor, is configured to:
 receive, from a requesting entity, a plurality of requests related to a benchmarking operation, wherein at least one of the requests comprises a defined function to be performed and at least each of the remaining requests comprise a different resource specific criterion identifying a different specific resource to perform the defined function;
 based on each resource specific criterion, identify a grid computing resource as the specific resource to perform the defined function, wherein a different grid computing resource is identified for each different resource specific criterion; and
 submit each request to perform the defined function to an appropriate grid resource corresponding to the identified grid computing resource according to the respective different resource specific criterions.

48. (Previously Provided) The computerized environment of claim 47, wherein each different resource specific criterion uniquely identifies a different particular computer and wherein identifying the grid computing resource comprises identifying the particular computer.

49. (Previously Provided) The computerized environment of claim 47, wherein each different resource specific criterion uniquely identifies different particular computer hardware and wherein identifying the grid computing resource comprises identifying a particular computer having the particular computer hardware.

50. (Previously Provided) The computerized environment of claim 47, wherein each different resource specific criterion uniquely identifies different particular computer software and wherein identifying the grid computing resource comprises identifying a particular computer having the particular computer software.

51. (Previously Provided) The computerized environment of claim 47, wherein each different resource specific criterion is selected from one of an operating system criterion, a central processing unit criterion, a memory criterion, a hard disk criterion and a combination thereof.

52. (Previously Provided) The computerized environment of claim 47, further comprising:
performing the defined function using the identified grid computing resource; and
returning a result to the requesting entity indicating performance of the defined function.

53. (Previously Provided) The computerized environment of claim 47, further comprising determining a price to be charged for fulfilling the requests.

54. (Previously Provided) The computerized environment of claim 53, further comprising charging the price for fulfilling the request.